

Date: Tuesday, 8/21/2007 3:43:45 PM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : 206/OH-58 SADDLE, INBOARD, LEFT SIDE
Job Number : 34190	
Estimate Number : 10833	
P.O. Number : <i>N/A</i>	Part Number : D29331
This Issue : 8/21/2007 S.O. No. : <i>N/A</i>	Drawing Number : D2933 REV C
Prsht Rev. : NC	Project Number : N/A
First Issue : <i>MA</i> Type : MACHINED PARTS	Drawing Revision : C
Previous Run : 33353	Material : <i>N/A</i>
Written By : <i>[Signature]</i>	Due Date : 9/20/2007 Qty: 8 Um: Each
Checked & Approved By : <i>[Signature] 07.08.22</i>	
Comment : Est: B 00.06.26 New DWG rev (mpp 2069) EC	
Est Rev: C As per Rev C 07-03-19 JLM	

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	D6101001	7075-T7351 2X6X6.25
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 8.0000 Each(s)
 Issue material from stock: 7075-T7351 QQ-A-250/12
 Cut Size 2.0 x 6.25 X 6.00
 Grain Along Long 6.00 Length
 Batch No: *334643*

SG 07.10.07 (8)

2.0	HAAS1	HAAS CNC VERTICAL MACHINING #1
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Comment: HAAS CNC VERTICAL MACHINING #1
 Program part number and batch number.
 1-Inspect part number and batch number are programmed correctly.
 2-Machine Step No 1 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet
 3-Machine Step No 2 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet
 4-Machine Step No 3 of Folio and visually inspect as per dwg D2933 & attached Dimension Sheet
 5-Deburr

SG / J.F. 07/10/10 (8)

3.0	MILLING CONV.	CONVENTIONAL MILLING MACHINE
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Comment: CONVENTIONAL MILLING MACHINE
 Machine Keyway and inspect per attached dimension sheet

SG / J.F. 07/10/10 (8)

4.0	QC1	INSPECT ALL DIM TO DIM SHEET
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Comment: INSPECT ALL DIM TO DIM SHEET

SG / J.F. 07/10/10 (8)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: DD Date: 01/11/17
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Tuesday, 8/21/2007 3:43:45 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 206/OH-58 SADDLE, INBOARD, LEFT SIDE

Job Number: 34190

Part Number: D29331

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

QC8

SECOND CHECK



Comment: SECOND CHECK

J.L 07/10/13

6.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

ml 07 10 14

(8)

7.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

M105068

ml

07/10/15

(8X)

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

ml 07 10 15

(8X)

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock
Location: _____

07/10/16 (8)

10.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

07/10/17

Job Completion



U 07-10-17

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
07/10/15	7.0	Black spots on white Paint. Dust or black Powder coat was in Paint hose.		clean with vim	M 07-10-15			

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	34190
Description: 206 Saddle, Inboard, Left side	Part Number:	D2933-1
Inspection Dwg: D2933 Rev. C		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2933 Rev. C and record below:

				Recorded Actual Dimensions				By	Date
Dim	Min	Max	Go/No Go Gauge	1	2	3	4		
A	0.100	0.140		.124	0.123	.125"	.125"		
B	0.100	0.140		.125	0.123	.122"	.124"		
C	0.100	0.140		.114	.104"	.113"	.113"		
D	0.210	0.230		.225	0.226	.227"	.228"		
E	1.245	1.255		1.250	1.250"	1.250"	1.250"		
F	1.245	1.255		1.250	1.250"	1.250"	1.250"		
G	2.495	2.505		2.500	2.500"	2.500"	2.500"		
H	0.510	0.515		.510	.510"	.510"	.510"		
I	1.572	1.582		1.577	1.577	1.578"	1.578"		
J	2.495	2.505		2.500	2.500	2.500"	2.500"		
K	0.257	0.262		.258	0.259	0.258"	0.258"		
L	0.312	0.317		.313	0.313"	0.313"	0.313"		
M	0.235	0.240		.238	.239	.239"	.239"		
N	0.100	0.140		.125	0.128	.128"	.128"		
O	0.540	0.560		.552	0.548	.550"	.553"		
P	0.490	0.510		.506	.503"	.504"	.504"		
Q	3.715	3.725		3.720	3.719	3.720"	3.720"		
R	2.470	2.510		2.498	2.493	2.498"	2.498"		
S	0.240	0.270		.257	0.257	.259"	.259"		
T	0.100	0.180		.140	0.140	.136"	.136"		
U	1.625	1.635		1.630	1.630	1.630"	1.630"		
V	1.362	1.372		1.367	1.367	1.367"	1.367"		
W	0.316	0.321		.319	0.320	0.319"	0.319"		
X	1.125	1.145		1.132	1.136	1.136"	1.136"		
Y	1.565	1.585	DT8695 A/B	1.572	1.575	1.575"	1.575"		
Z	0.178	0.198		.185	0.188	.188"	.188"		
AA									
AB									
AC									
AD									
AE									
AF									
Accept/Reject									

Measured by:	BC / J.F.
Date:	07.10.07

Audited by:	J.L.
Date:	07/10/13

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	
C	06.10.03	Removed DT8683, DT8686 & DT8690	KJ/JLM	
D	07.03.21	Revised per drawing revision C	KJ/JLM	

DART AEROSPACE LTD	Work Order:	34190
Description: 206 Saddle, Inboard, Left side	Part Number:	D2933-1
Inspection Dwg: D2933 Rev. C		Page 1 of 1

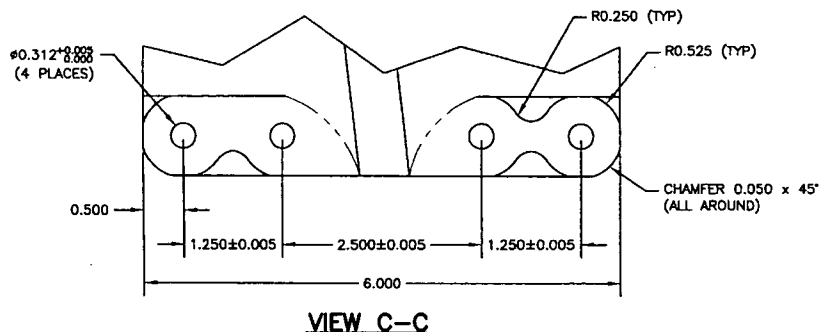
Inspect dimensions highlighted on inspection sheet drawing D2933 Rev. C and record below:

Dim	Min	Max	Go/No Go Gauge	Recorded Actual Dimensions				By	Date
				1	2	3	4		
A	0.100	0.140		.124"	.124"	.124"	.123"		
B	0.100	0.140		.124"	.124"	.124"	.124"		
C	0.100	0.140		.116"	.116"	.116"	.116"		
D	0.210	0.230		.225"	.225"	.225"	.225"		
E	1.245	1.255		1.250"	1.250"	1.250"	1.250"		
F	1.245	1.255		1.250"	1.250"	1.250"	1.250"		
G	2.495	2.505		2.500"	2.500"	2.500"	2.500"		
H	0.510	0.515		.510"	.510"	.510"	.510"		
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J	2.495	2.505		2.500"	2.500"	2.500"	2.500"		
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Z	0.178	0.198							
AA									
AB									
AC									
AD									
AE									
AF									
Accept/Reject									

Measured by:	J.F.
Date:	07/10/10

Audited by:	J.L.
Date:	07/10/13

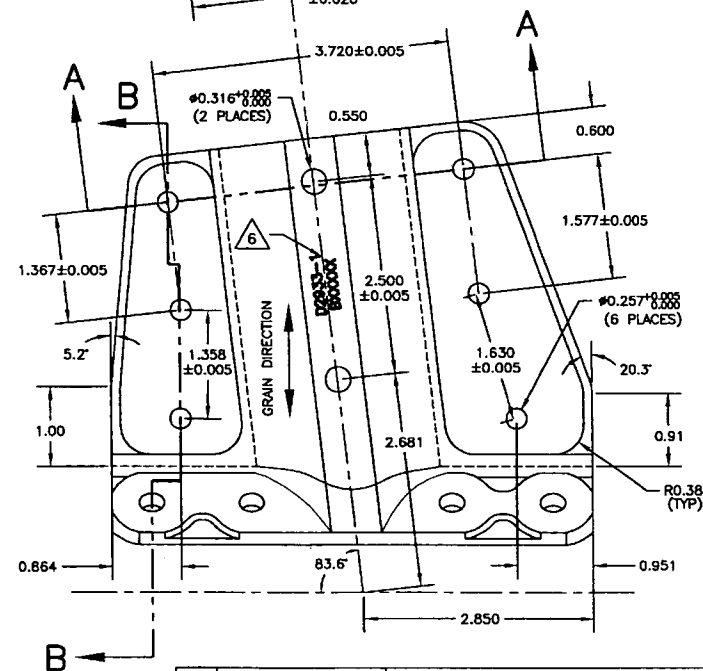
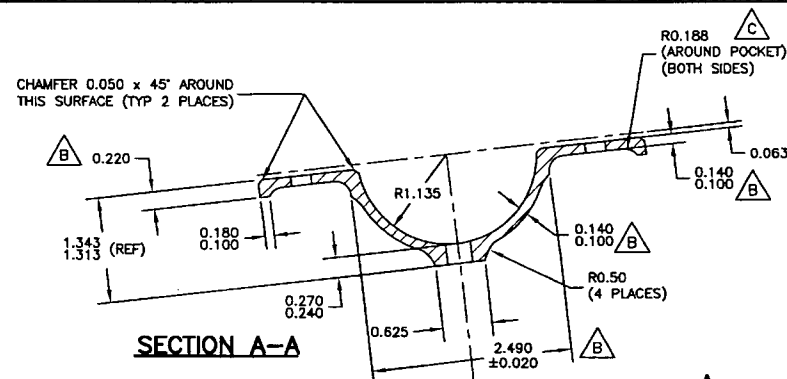
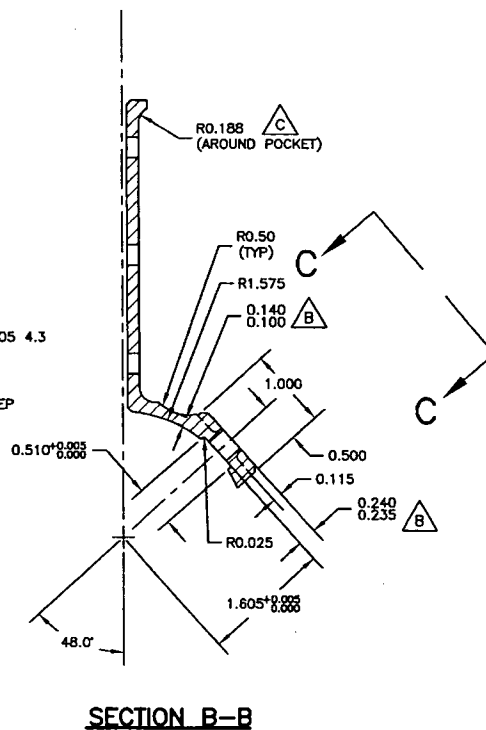
Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Re-format; Added Dim. X-Y, DT8683, DT8686, DT8690 & DT8695 A/B	KJ/RF	
C	06.10.03	Removed DT8683, DT8686 & DT8690	KJ/JLM	
D	07.03.21	Revised per drawing revision C	KJ/JLM	



D2933-1 LH SADDLE (SHOWN)
D2933-2 RH SADDLE (OPPOSITE)

- NOTES:**
- 1) MATERIAL: ALUMINUM 7075-T7351 (QQ-A-250/12)
 (MAKE FROM D6101-001 SADDLE BILLET, 7075)
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 POWDER COAT GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3
 - 3) BREAK ALL SHARP EDGES 0.010 TO 0.020
 - 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
 - 5) ALL DIMENSIONS ARE IN INCHES
 - 6) ENGRAVE PART AND BATCH NUMBER IN THIS AREA 0.010 TO 0.015 DEEP

SHOP COPY
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 ENGINEERING
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 SUBJECT TO AMENDMENT
 WITHOUT NOTICE
 WORK ORDER
 NO 34190
 07.02.12



C	06.11.09	R0.188 WAS R0.30 TO R0.25
B	00.05.29	CHANGED GEOMETRY AND MATERIAL
A	99.10.29	NEW ISSUE
DESIGN	DRAWN BY	DART DART AEROSPACE USA, INC. BELLINGHAM, WA
CHECKED	APPROVED	DRAWING NO. D2933
DATE	06.11.09	TITLE SADDLE INSIDE
		REV. C SHEET 1 OF 1 SCALE 2:3

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